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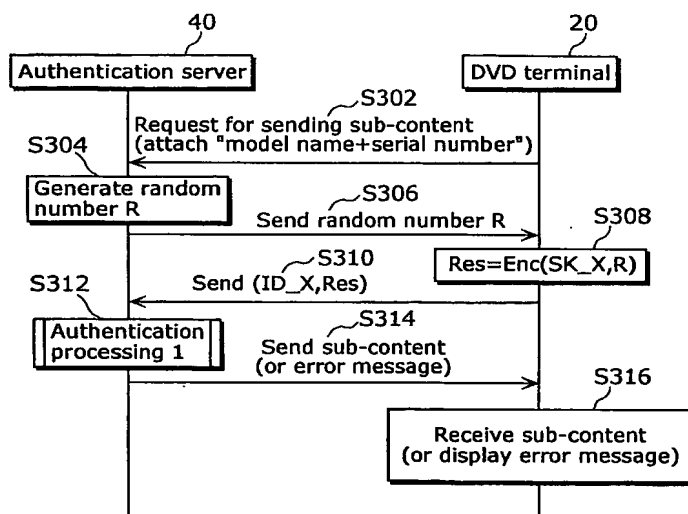
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- (71) Applicant (for all designated States except US): MAT-
SUSHITA ELECTRIC INDUSTRIAL CO., LTD.
[JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka
5718501 (JP).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): OHMORI, Motoji.
OHARA, Shunji. KATAYAMA, Takashi.
- (74) Agent: NII, Hiromori; c/o Nii Patent Firm, 3rd Floor,
Shin-Osaka Suehiro Center Bldg., 11-26, Nishinakajima
3-chome, Yodogawa-ku, Osaka-shi, Osaka 5320011 (JP).
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(54) Title: AUTHENTICATION SERVER, METHOD AND SYSTEM FOR DETECTING UNAUTHORIZED TERMINAL



(57) Abstract: A DVD terminal (20) makes a request for sending a sub-content to an authentication server (40) (in this case, attaches the "model name and serial number" of the DVD terminal (20)) (S302). The authentication server (40) generates a random number R (S304) and sends it to the DVD terminal (20) (S306). The DVD terminal (20) reads a terminal key and a terminal ID that are stored in a terminal information memory unit (25), decrypts the received random number R using a terminal key (SK_X) (S308) and sends this and the terminal ID (ID_X) to the authentication server (40) (S310). The authentication server (40) verifies the random number R and the terminal ID that are received from the DVD terminal (20) and encrypted, and judges whether the DVD terminal (20) is the authenticated terminal or not (S312).



— *with amended claims*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.